SEQUENCE LISTING

<110> Singh, Sharat
     Salimi-Moosavi, Hossein
     Xiao, Vivian

<120> Methods of Employing Generalized
  Target-Binding e-tag Probes

<130> 0225-0033.25

<140> Not Yet Assigned
<141> Filed Herewith

<150> US 09/698,846
<151> 2000-10-27

<150> US 09/684,386
<151> 2000-10-04

<150> US 09/602,586
<151> 2000-06-21

<150> US 09/561,579
<151> 2000-04-28

<150> US 09/303,029
<151> 1999-04-30

<160> 18

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide

<400> 1
tcaccacatc ccagtg   16

<210> 2
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide

<400> 2
gagggaggtt tggctg   16

<210> 3

```
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide

<221> misc_feature
<222> (22)...(22)
<223> 3' nucleotide linked to tetramethyl rhodamine

<400> 3
ccagcaacca atgatgcccg tt                                        22

<210> 4
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide linked to fluorescein

<221> misc_feature
<222> (22)...(22)
<223> 3' nucleotide linked to tetramethyl rhodamine

<400> 4
ccagcaagca ctgatgcctg tt                                        22

<210> 5
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide linker

<400> 5
Lys Lys Ala Ala
 1

<210> 6
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide linker

<400> 6
Lys Lys Lys Ala
 1
```

<210> 7
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide linker

<400> 7
Lys Lys Lys Lys
 1

<210> 8
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide

<400> 8
gaccaggaaa tagagaggaa atgta   25

<210> 9
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide

<400> 9
gaaggagaag gaagagttgg tattatc   27

<210> 10
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide

<400> 10
ttgggctcag atctgtgata g   21

<210> 11
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide

<400> 11
catctaggta tccaaaagga gagtcta   27

<210> 12

3

<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide

<400> 12
cggtatatag ttcttcctca tgctatt   27

<210> 13
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide

<400> 13
gcaagatctt cgccttactg   20

<210> 14
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> probe

<221> misc_feature
<222> (1)...(1)
<223> e-tag10s modification to the 5' nucleotide

<400> 14
ttccatttc tttttagagc agtatacaaa ga   32

<210> 15
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> probe

<221> misc_feature
<222> (1)...(1)
<223> e-tag10as modification to the 5' nucleotide

<400> 15
tctttgtata ctgctctaaa aagaaaatgg aa   32

<210> 16
<211> 28
<212> DNA
<213> Artificial Sequence

<220>

<223> probe

<221> misc_feature
<222> (1)...(1)
<223> e-tag11s modification to the 5' nucleotide

<400> 16
aaactccagc atagatgtgg atagcttg   28

<210> 17
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> probe

<221> misc_feature
<222> (1)...(1)
<223> e-tag11as modification to the 5' nucleotide

<400> 17
caagctatcc acatctatgc tggagttt   28

<210> 18
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> probe

<221> misc_feature
<222> (1)...(1)
<223> e-tag13as modification to the 5' nucleotide

<400> 18
aactgcttgt ggccatggct tag   23